

California OES Weather Threat Briefing

Wednesday, July 24, 2019
9:00 AM PDT

Day 1: Moderate heat related impacts continue in the Southern and Inland Regions. Scattered showers and thunderstorms across the Sierra and Southern Region today, some of which could produce heavy rainfall and a threat of flash flooding.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

07/24/19 - 07/30/19

Wednesday-Friday

- Hot, breezy, and dry conditions will continue to produce elevated fire weather concerns for portions of all regions through the week
- Isolated thunderstorms possible over the central and southern Sierra through much of the week
- Increased moisture from the south will also bring a chance of thunderstorms to portions of Southern Region through Thursday
 - Slow moving storms may bring a slight chance of heavy rain and flash flooding to Southern Region, especially on Wednesday
- Hot temperatures will continue across the state
 - Moderate to high heat risk impacts are possible, especially across portions of Inland Region and the Southern Region desert areas

Saturday-Sunday

- Hot, breezy, and dry conditions will continue to produce elevated fire weather concerns for portions of all regions heading into next week
- Drying conditions will significantly reduce or eliminate the threat of showers and thunderstorms, even over the Sierra
- Saturday and Sunday will bring the hottest temperatures of the week in many locations, especially across the Central Valley
 - High to potentially very high heat risk impacts are possible, for both the Inland Region and the some Southern Region desert areas

Monday-Tuesday

- A cooling trend for the beginning of the work week will start to significant reduce heat impacts across the state
- The threat of showers and thunderstorms could return to Southern Region for the first half of next week



CALIFORNIA WEATHER IMPACTS

07/24/19 - 07/30/19

<u>Hazards / Day</u>	WED	THU	FRI	SAT	SUN	MON	TUE
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)	Sierra/ Southern	Sierra/ Southern	Sierra/ Southern			Southern	Southern
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions
Heat Risk	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heavy Rain / Flash Flooding / Debris Flow	Southern						
Extreme Cold							



No Impacts



Minimal Impacts

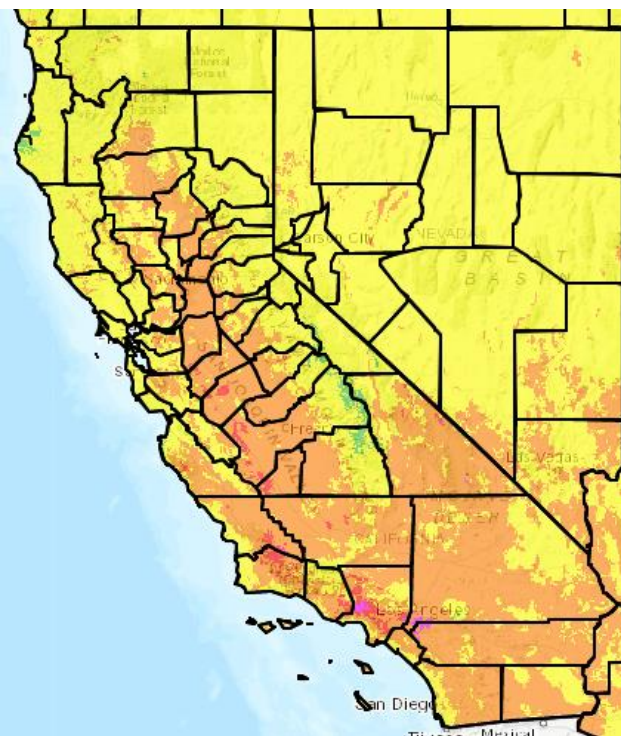


Moderate Impacts

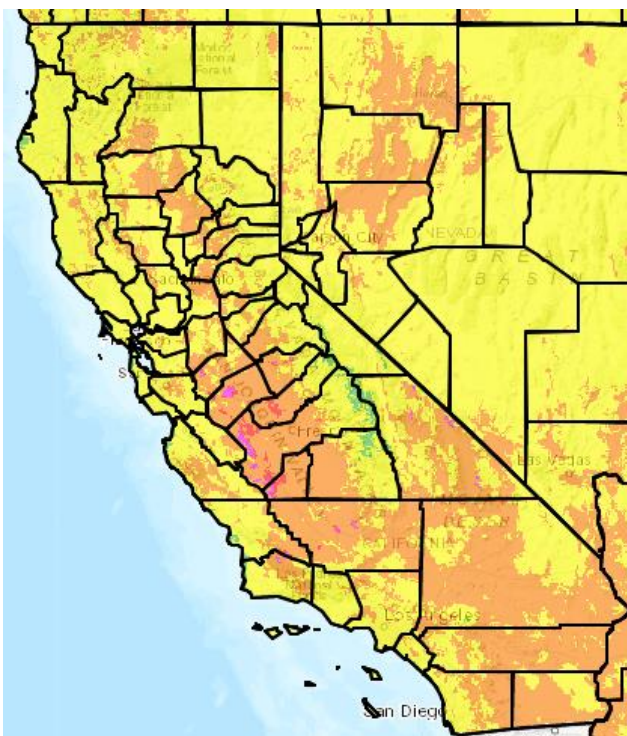


Severe Impacts

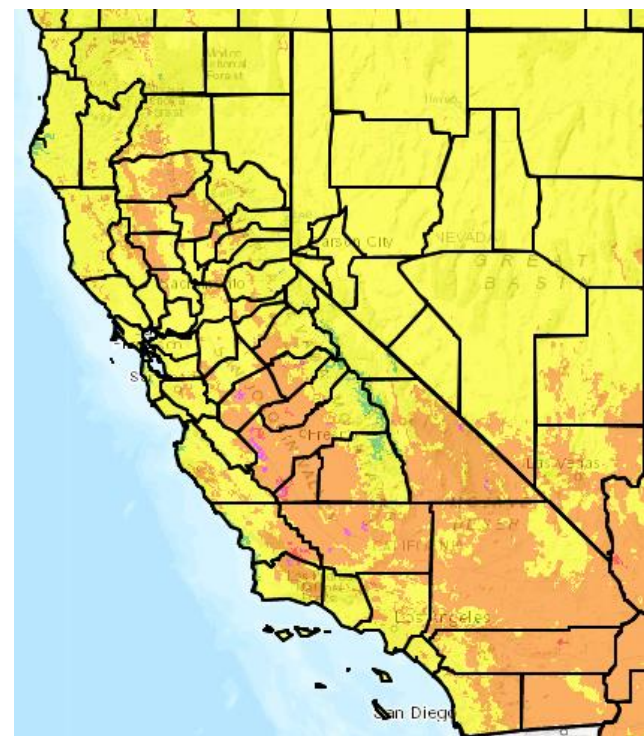
EXPERIMENTAL HEAT RISK FORECAST



Wednesday, July 24



Thursday, July 25



Friday, July 26

Category	Level	Meaning
Green	0	No Elevated Risk
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Category	Level	Meaning
Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight

<https://www.wrh.noaa.gov/wrh/heatrisk/>

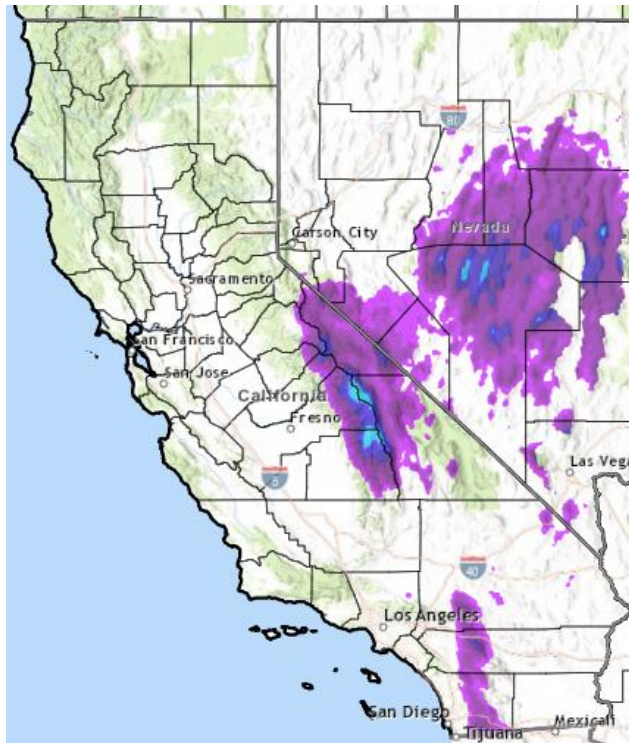


PRECIPITATION FORECAST

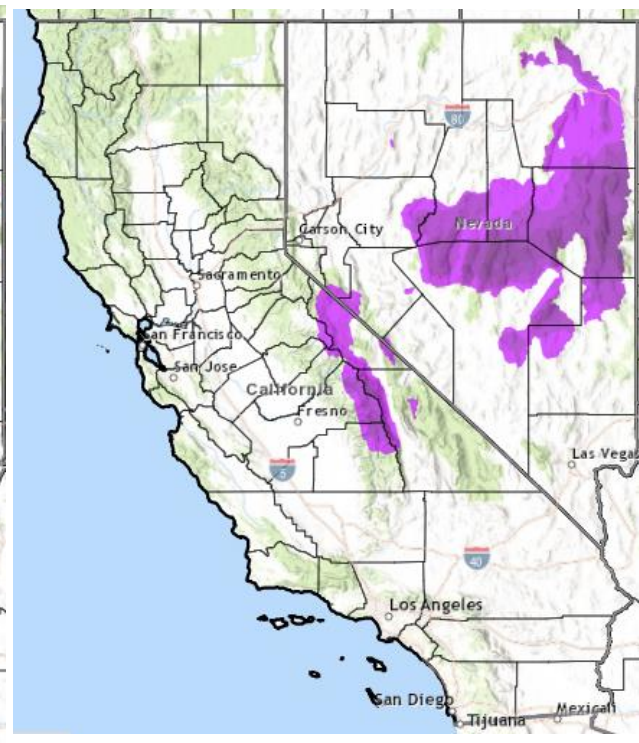
07/24/19 - 07/26/19



Wednesday, July 24



Thursday, July 25



Friday, July 26

Higher amounts possible under any thunderstorms each day

Precipitation (inches)



WEATHER OUTLOOK

07/29/19 - 08/06/19

6-10 Day Outlook (July 29 – August 2)

Temperatures

- Above normal temperatures likely across the state

Precipitation

- Equal chances of above or below normal precipitation

8-14 Day Outlook (July 31 – August 6)

Temperatures

- Above normal temperatures likely across the state

Precipitation

- Above normal precipitation slightly favored for the Sierra and much of Southern Region, with near normal precipitation favored elsewhere



Information provided by:

**National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT**

Phone: (801) 524-7907

E-mail: wr.roc@noaa.gov

Web: <http://www.wrh.noaa.gov>

